

+

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO <div style="border: 1px solid black; padding: 5px; width: fit-content;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT </div> <div style="margin-top: 10px;"> (use as many sheets as necessary) </div>	<div style="text-align: center; font-weight: bold; margin-bottom: 10px;"> Compl te if Kn wn </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>09/333159</td> </tr> <tr> <td>Filing Date</td> <td>June 14, 1999</td> </tr> <tr> <td>First Named Invent r</td> <td>Barnes, Thomas M., et al. (as amended)</td> </tr> <tr> <td>Group Art Unit</td> <td>1646</td> </tr> <tr> <td>Examiner Name</td> <td>Jiang, Dong</td> </tr> <tr> <td>Attorney Docket Number</td> <td>MBIO99-030RCEM</td> </tr> </table>	Application Number	09/333159	Filing Date	June 14, 1999	First Named Invent r	Barnes, Thomas M., et al. (as amended)	Group Art Unit	1646	Examiner Name	Jiang, Dong	Attorney Docket Number	MBIO99-030RCEM
Application Number	09/333159												
Filing Date	June 14, 1999												
First Named Invent r	Barnes, Thomas M., et al. (as amended)												
Group Art Unit	1646												
Examiner Name	Jiang, Dong												
Attorney Docket Number	MBIO99-030RCEM												

INFORMATION
STATISTICS
JAN 09 2004
Sheet

[illegible][illegible]

Examiner Signature	<i>Dona Diana</i>	Date Considered	11/26/04
-----------------------	-------------------	--------------------	----------

+

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1

of 4

Application Number	09/333,159
Filing Date	June 14, 1999
First Named Inventor	Barnes, Thomas M., et al. (as amended)
Group Art Unit	1646
Examiner Name	Jiang, Dong
Attorney Docket Number	MBIO99-030RCEM

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DJ	C1	ELSBACH, P., "The Bactericidal/Permeability-Increasing Protein (BPI) in Antibacterial Host Defense", <i>Journal of Leukocyte Biology</i> , Vol.64, July 1998, pp.14-18	
	C2	MAHADEVA, R. MD, et al. "Vasculitis and Bronchiectasis in a Patient With Antibodies to Bactericidal/Permeability-Increasing Protein and alpha sub 1-Antitrypsin Deficiency", <i>CHEST</i> , Vol. 112(6), December 1997, pp. 1699-1701	
	C3	DOCHERTY, A.J., et al. "Triacylglycerol lipase, gastric precursor (Gastric lipase) (GL) (Lingual lipase)", Created August 13, 1987, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. P04634.	
	C4	Vaganay, S., et al. "Triacylglycerol lipase, gastric precursor (Gastric lipase) (GL)", Sequence updated July 15, 1998, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. P80035.	
	C5	Bodner, M. W., et al. "Triacylglycerol lipase, gastric precursor (Gastric lipase) (GL)", Created April 1, 1988, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. P07098.	
	C6	Anderson, R. A., et al. "Lysosomal acid lipase/cholesteryl ester hydrolase precursor (LAL) (Acid cholesteryl ester hydrolase) (Sterol esterase) (Lipase A) (Cholesteryl esterase)", Sequence updated October 1, 1994, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. P38571.	
	C7	Waterston, R. "Hypothetical protein C06E1.3 in chromosome III", Created February 1, 1994, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. P34298.	
	C8	Strausberg, Robert. "Homo sapiens cDNA clone", June 25, 1997, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. AA506741.	
	C9	Marra, M. "Barstead mouse myotubes MPLRB5 Mus musculus cDNA clone", November 25, 1997, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA670682.	

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Unique citation design number. ³Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Compl to If Kn wn

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 4

Application Number	09/333,159
Filing Date	June 14, 1999
First Named Inventor	Barnes, Thomas M., et al. (as amended)
Group Art Unit	1646
Examiner Name	Jiang, Dong
Attorney Docket Number	MBIO99-030RCEM

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DX	C10	Marra, M., et al., "vi87g10.r1 Stratagene mouse heart (#937316) Mus musculus cDNA clone IMAGE:919266 5', MRNA sequence", July 1, 1997, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA499001.	
	C11	Marra, M., et al., "vu67d08.r1 Stratagene mouse skin (#937313) Mus musculus cDNA clone IMAGE:1196463 5', MRNA sequence", February 9, 1998, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA794194.	
	C12	Marra, M., et al., "v53h10.r1 Soares_thymus_2NbMT Mus musculus cDNA clone IMAGE:1226179 5', MRNA sequence", January 21, 1998, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA756504.	
	C13	McLaren, S., "Human DNA sequence from clone CTA-57G9 on chromosome 22q12.1, complete sequence." June 3, 2003, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA295116.	
	C14	Wijngaard, P. L., et al., "B.bovis WC1.1 mRNA", May 24, 1994, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. X63723.	
	C15	Puschel, A. W., et al., "M. musculus mRNA for semaphoring B.", July 8, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. X85991.	
	C16	Strausberg, R. Ph.D., "aa34h11.r1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:815205 5', MRNA sequence", June 23, 1997, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA481246.	
	C17	Wilson, R. K., "ze94e06.r1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:366658 5', MRNA sequence", March 29, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA029404.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation design number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Please type a plus sign (+) inside this box +

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0654-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 4

Application Number	09/333,159
Filing Date	June 14, 1999
First Named Inventor	Barnes, Thomas M., et al. (as amended)
Group Art Unit	1648
Examiner Name	Jiang, Dong
Attorney Docket Number	MBIO99-030RCEM

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DJ	C18	Nathans, J., "17e7 Human retina cDNA randomly primed sublibrary Homo sapiens cDNA, MRNA sequence", May 8, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. W25986.	
	C19	Wilson, R. K., et al., "zj63a09.s1 Soares fetal liver spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:454936 3', MRNA sequence", February 5, 1998, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA779337.	
	C20	Wilson, R. K., et al., "zn42f02.r1 Stratagene endothelial cell 937223 Homo sapiens cDNA clone IMAGE:550107 5', MRNA sequence", November 27, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA082143.	
	C21	Marra, M., et al., "me11b04.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone IMAGE:387151 5', MRNA sequence", June 11, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. W65734.	
	C22	Marra, M., et al., "mj65c04.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone IMAGE:480966 5', MRNA sequence", September 23, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA059511.	
	C23	Marra, M., et al., "mq60d04.r1 Soares thymus_2NbMT Mus musculus cDNA clone IMAGE:583111 5', MRNA sequence", December 11, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA153748.	
	C24	Smith, M., "Human DNA sequence from clone RP1-149A16 on chromosome 22, complete sequence.", March 4, 2003, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AL021937.	
✓	C25	Ameis, D. et al., "H.sapiens mRNA for lysosomal acid lipase", February 25, 1994, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. X76488.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation design number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Please type a plus sign (+) inside this box +

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0654-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

JAN 09 2004 use as many sheets as necessary

Sheet 1 of 4

Complete if Known

Application Number	09/333,159
Filing Date	June 14, 1999
First Named Inventor	Barnes, Thomas M., et al. (as amended)
Group Art Unit	1646
Examiner Name	Jiang, Dong
Attorney Docket Number	MBIO99-030RCM

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DJ	C26	Wilson, R. K., "zd90g02.s1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:356786 3', MRNA sequence", June 19, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. W80832.	
DJ	C27	Wilson, R. K., "ab94f09.s1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:854633 3', MRNA sequence", June 25, 1997, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA630445.	

Examiner Signature	<i>Dong Jiang</i>	Date Considered	11/26/04
--------------------	-------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation design number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.